

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"3852158".pn.	US-PGPUB; USPAT	AND	ON	2010/12/13 09:02
L2	353	cheese near10 gouda	US-PGPUB; USPAT	AND	ON	2010/12/13 09:09
L3	54	L2 and "raw milk"	US-PGPUB; USPAT	AND	ON	2010/12/13 09:09
L4	0	L3 and ("raw milk" near10 inoculat\$3)	US-PGPUB; USPAT	AND	ON	2010/12/13 09:09
L5	1	L3 and ("raw milk" near10 starter near10 (add\$3 or mix\$3))	US-PGPUB; USPAT	AND	ON	2010/12/13 09:10
L6	10	L3 and (milk near10 starter near10 (add\$3 or mix\$3))	US-PGPUB; USPAT	AND	ON	2010/12/13 09:11
L7	2	cheese and ("raw milk" near10 starter near10 mix \$3)	US-PGPUB; USPAT	AND	ON	2010/12/13 09:21
L8	5579	(process or method) with cheese\$1	US-PGPUB; USPAT	AND	ON	2010/12/13 09:23
L9	313	L8 and "raw milk"	US-PGPUB; USPAT	AND	ON	2010/12/13 09:23
L10	0	L9 and (milk near10 "not pasteurized")	US-PGPUB; USPAT	AND	ON	2010/12/13 09:23
L11	60	L9 and ("raw milk" near10 (mix\$3 or add\$3 or inoculat \$3))	US-PGPUB; USPAT	AND	ON	2010/12/13 09:24
L12	4	L11 and "gouda cheese"	US-PGPUB; USPAT	AND	ON	2010/12/13 09:26
L13	44	"gouda cheese" same process	US-PGPUB; USPAT	AND	ON	2010/12/13 09:27
L14	5	L13 and "raw milk"	US-PGPUB; USPAT	AND	ON	2010/12/13 09:27
L15	20	"gouda cheese" same process	EPO; JPO; DERWENT	AND	ON	2010/12/13 09:28
L16	0	L15 and "raw milk"	EPO; JPO; DERWENT	AND	ON	2010/12/13 09:31
S1	0	lee adj jeon adj jun	US-PGPUB; USPAT	AND	ON	2007/08/14 14:01
S2	0	(426/036).OCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/09 15:23

S3	497	(hard near2 cheese\$1)or (semi adj hard near2 cheese\$1)	US-PGPUB; USPAT	AND	ON	2007/08/09 15:27
S4	4	S3 and lactobacillus adj gasseri	US-PGPUB; USPAT	AND	ON	2007/08/09 16:09
S5	1	("6596530").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/13 07:12
S6	546	(424/93.45).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/13 07:12
S7	109	S6 and (Lactobacillus adj gasseri or Helicobacter adj pylori)	US-PGPUB; USPAT	AND	ON	2007/08/13 07:14
S8	10	S7 and (Lactobacillus adj gasseri and Helicobacter adj pylori)	US-PGPUB; USPAT	AND	ON	2007/08/13 07:24
S9	416	(435/252.9).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/14 11:12
S10	69	S9 and (lactobacillus adj gasseri or Helicobacter adj pylori)	US-PGPUB; USPAT	AND	ON	2007/08/13 07:26
S11	7	S10 and (lactobacillus adj gasseri and Helicobacter adj pylori)	US-PGPUB; USPAT	AND	ON	2007/08/13 07:27
S12	691	(426/61).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/13 07:28
S13	22	S12 and (Lactobacillus adj gasseri or Helicobacter adj pylori)	US-PGPUB; USPAT	AND	ON	2007/08/13 07:29
S14	4	S13 and (Lactobacillus adj gasseri and Helicobacter adj pylori)	US-PGPUB; USPAT	AND	ON	2007/08/13 07:38
S15	1	("5578302").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/13 07:44
S16	0	stomach adj ulcers and lactobacillus adj gasseri and Helicobacter adj pylori	US-PGPUB; USPAT	AND	ON	2007/08/13 07:45
S17	0	(09/600165).APP.	US-PGPUB; USPAT	OR	OFF	2007/08/14 08:15
S18	0	(09/600165).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/14 08:15
S19	2	"09600165"	US-PGPUB; USPAT	AND	ON	2007/08/14 08:15
S20	546	(424/93.45).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/14 11:13
S21	20	S20 and (lactobacillus adj gasseri and Clostrid\$3)	US-PGPUB; USPAT	AND	ON	2007/08/14 11:17
S22	2	S21 and disinfect\$4	US-PGPUB; USPAT	AND	ON	2007/08/14 11:16

S23	0	S21 and (dairy near2 food \$1)	US-PGPUB; USPAT	AND	ON	2007/08/14 11:17
S24	285	lactobacillus adj gasserii	US-PGPUB; USPAT	AND	ON	2007/08/14 14:02
S25	88	S24 and yeast adj extract	US-PGPUB; USPAT	AND	ON	2007/08/14 14:03
S26	15	S25 and Shelf adj life	US-PGPUB; USPAT	AND	ON	2007/08/14 14:03
S27	0	S25 and survival adj rate near lactobacil\$2	US-PGPUB; USPAT	AND	ON	2007/08/14 14:04
S28	1	S25 and survival adj rate near2 lactobacillus	US-PGPUB; USPAT	AND	ON	2007/08/14 14:06
S29	0	S25 and long adj run near3 survival near3 rate	US-PGPUB; USPAT	AND	ON	2007/08/14 14:07
S30	7	S25 and survival adj rate	US-PGPUB; USPAT	AND	ON	2007/08/14 14:12
S31	1881	Lactobacilli	US-PGPUB; USPAT	AND	ON	2007/08/14 14:13
S32	465	S31 and yeast adj extract	US-PGPUB; USPAT	AND	ON	2007/08/14 14:13
S33	31	S32 and survival adj rate	US-PGPUB; USPAT	AND	ON	2007/08/14 14:14
S34	0	S33 and effect near2 yeast adj extract	US-PGPUB; USPAT	AND	ON	2007/08/14 14:16
S35	0	S33 and affect\$3 near2 yeast adj extract	US-PGPUB; USPAT	AND	ON	2007/08/14 14:16
S36	1	Effect\$2 near2 yeast adj extract and bacteri\$2 near3 survival	US-PGPUB; USPAT	AND	ON	2007/08/14 14:24
S37	195	S31 and starter adj culture \$1	US-PGPUB; USPAT	AND	ON	2007/08/14 14:25
S38	119	S37 and cheese	US-PGPUB; USPAT	AND	ON	2007/08/14 14:33
S39	0	S38 and effect\$1 near2 yeast adj extract	US-PGPUB; USPAT	AND	ON	2007/08/14 14:27
S40	1	S38 and survival near2 cheese	US-PGPUB; USPAT	AND	ON	2007/08/14 14:27
S41	10	S38 and curd near3 formation	US-PGPUB; USPAT	AND	ON	2007/08/14 14:35
S42	2473	Cheese near2 process\$2	US-PGPUB; USPAT	AND	ON	2007/08/14 14:36
S43	0	S42 and yeast adj extract	US-PGPUB; USPAT	AND	ON	2007/08/14 14:36
S44	1043	cheese adj making	US-PGPUB; USPAT	AND	ON	2007/08/14 14:37
S45	104	S44 and yeast near2 extract	US-PGPUB; USPAT	AND	ON	2007/08/14 14:37

S46	51	S45 and add\$3 near2 milk	US-PGPUB; USPAT	AND	ON	2007/08/14 14:38
S47	13	S46 and hard adj cheese \$1 or semihard adj cheese \$1	US-PGPUB; USPAT	AND	ON	2007/08/14 14:54
S48	278	S44 and starter adj culture \$1	US-PGPUB; USPAT	AND	ON	2007/08/14 14:55
S49	0	S48 and survival near2 rate \$1 near2 starter\$1 or satarter near culture\$1	US-PGPUB; USPAT	AND	ON	2007/08/14 14:57
S50	0	S48 and survival near2 rate \$1 near2 lactobacill\$3	US-PGPUB; USPAT	AND	ON	2007/08/14 14:59
S51	0	S48 and survival near2 rate \$1 near2 \$organism\$1	US-PGPUB; USPAT	AND	ON	2007/08/14 15:07
S52	0	S48 and survival near2 rate \$1	US-PGPUB; USPAT	AND	ON	2007/08/14 15:07
S53	19	((SHUNJI) near2 (HAYASHI)).INV.	US-PGPUB; USPAT	OR	OFF	2008/03/25 12:44
S54	5	((SHIGERU) near2 (AIZAWA)).INV.	US-PGPUB; USPAT	OR	OFF	2008/03/25 12:45
S55	6	((NAOKI) near2 (TAKETOMO)).INV.	US-PGPUB; USPAT	OR	OFF	2008/03/25 12:45
S56	5	((TADASHI) near2 (NAKATSUBO)).INV.	US-PGPUB; USPAT	OR	OFF	2008/03/25 12:45
S57	64	((NORIAKI) near2 (MATSUNAGA)).INV.	US-PGPUB; USPAT	OR	OFF	2008/03/25 12:45
S58	10	((KATSUNORI) near2 (KIMURA)).INV.	US-PGPUB; USPAT	OR	OFF	2008/03/25 12:46
S59	6258	Helicobacter adj pylori	US-PGPUB; USPAT	AND	ON	2008/03/25 12:48
S60	315	Lactobacillus adj gasseri	US-PGPUB; USPAT	AND	ON	2008/03/25 12:49
S61	56	S59 and S60	US-PGPUB; USPAT	AND	ON	2008/03/25 12:49
S62	22	S61 and cheese	US-PGPUB; USPAT	AND	ON	2008/03/25 12:50
S63	6	S62 and @pd< "20041007"	US-PGPUB; USPAT	AND	ON	2008/03/25 12:52
S64	130	lactobacillus adj gasseri	EPO; JPO; DERWENT	AND	ON	2008/03/25 12:57
S65	2781	Helicobacter adj pylori	EPO; JPO; DERWENT	AND	ON	2008/03/25 12:57
S66	11	S64 and S65	EPO; JPO; DERWENT	AND	ON	2008/03/25 12:57
S67	3	S66 and cheese	EPO; JPO; DERWENT	AND	ON	2008/03/25 12:57
S68	20	lactobacill\$3 with disinfect \$4	US-PGPUB; USPAT	AND	ON	2008/03/25 13:03

S69	315	Lactobacillus adj gasseri	US-PGPUB; USPAT	OR	OFF	2008/03/25 13:12
S70	13860	clostridia or clostridium	US-PGPUB; USPAT	OR	OFF	2008/03/25 13:13
S71	126	S69 and S70	US-PGPUB; USPAT	OR	OFF	2008/03/25 13:13
S72	61	S71 and stomach	US-PGPUB; USPAT	OR	OFF	2008/03/25 13:14
S73	29	S72 and cheese	US-PGPUB; USPAT	OR	OFF	2008/03/25 13:14
S74	18	S73 and @pd< "20041007"	US-PGPUB; USPAT	OR	OFF	2008/03/25 13:15
S75	54	"Lactobacillus gasseri" same (clostridia or clostridium)	US-PGPUB; USPAT	OR	OFF	2008/03/25 13:19
S76	2	S75 and disinfect\$4	US-PGPUB; USPAT	OR	OFF	2008/03/25 13:20
S77	1092	stomach adj ulcer\$1	US-PGPUB; USPAT	OR	OFF	2008/03/25 13:21
S78	0	S77 and (lactobacillus adj gasseri)	US-PGPUB; USPAT	OR	OFF	2008/03/25 13:34
S79	408	S77 and (helicobacter adj pylori)	US-PGPUB; USPAT	OR	OFF	2008/03/25 13:35
S80	28	S79 and lactobacil\$3	US-PGPUB; USPAT	OR	OFF	2008/03/25 13:35
S81	114	Cheese and "lactobacillus gasseri"	US-PGPUB; USPAT	AND	ON	2008/09/25 12:09
S82	1	Cheese with "lactobacillus gasseri"	US-PGPUB; USPAT	AND	ON	2008/09/25 12:10
S83	106	S81 and process	US-PGPUB; USPAT	AND	ON	2008/09/25 12:10
S84	1	S83 and cheese.ti.	US-PGPUB; USPAT	AND	ON	2008/09/25 12:11
S85	3	S83 and "lactobacillus gasseri".ab.	US-PGPUB; USPAT	AND	ON	2008/09/25 12:11
S86	169	process with "cheddar cheese"	US-PGPUB; USPAT	AND	ON	2009/01/01 16:28
S87	28	S86 and incubation and time and temperature	US-PGPUB; USPAT	AND	ON	2009/01/01 16:29
S88	0	S87 and (temperature near10 ( "20" "35" "40"))	US-PGPUB; USPAT	AND	ON	2009/01/01 16:30
S89	267	(process or method) with "cheddar cheese"	US-PGPUB; USPAT	AND	ON	2009/03/17 12:22
S90	3	S89 and gasseri	US-PGPUB; USPAT	AND	ON	2009/03/17 12:23
S91	18	S89 and "yeast extract"	US-PGPUB; USPAT	AND	ON	2009/03/17 12:26

S92	2	cheese with ("yeast extract" near10 add\$3 near10 milk)	US-PGPUB; USPAT	AND	ON	2009/03/17 12:47
S93	1	cheese with ("yeast extract" near10 mix\$3 near10 milk)	US-PGPUB; USPAT	AND	ON	2009/03/17 12:48
S94	3275	process with cheese	US-PGPUB; USPAT	AND	ON	2009/03/17 12:49
S95	9	S94 and ("yeast extract" near10 add\$3 near10 milk)	US-PGPUB; USPAT	AND	ON	2009/03/17 12:50
S96	6	"cheddar cheese" with "yeast extract"	US-PGPUB; USPAT	AND	ON	2009/03/17 13:03
S97	11	"cheddar cheese".ti.	US-PGPUB; USPAT	AND	ON	2009/03/17 13:04
S98	0	"cheddar cheese" with (viab\$5 near10 starter)	US-PGPUB; USPAT	AND	ON	2009/03/17 13:08
S99	18	"cheddar cheese" and (viab \$5 near10 starter)	US-PGPUB; USPAT	AND	ON	2009/03/17 13:08
S100	3	"gouda cheese".ti.	US-PGPUB; USPAT	AND	ON	2009/03/17 13:19
S101	1	"lactobacillus gasseri" with cheese	US-PGPUB; USPAT	AND	ON	2009/03/17 13:21
S102	138	"lactobacillus gasseri" and cheese	US-PGPUB; USPAT	AND	ON	2009/03/17 13:21
S103	239	cheese and starter and viability	US-PGPUB; USPAT	AND	ON	2009/03/17 13:27
S104	54	S103 and gasseri	US-PGPUB; USPAT	AND	ON	2009/03/17 13:27
S105	2	"lactobacillus gasseri".ti.	US-PGPUB; USPAT	AND	ON	2009/03/17 13:33
S106	16	"lactobacillus gasseri".ab.	US-PGPUB; USPAT	AND	ON	2009/03/17 13:34
S107	218	process with "natural cheese"	US-PGPUB; USPAT	AND	ON	2009/03/17 14:02
S108	3	S107 and (milk with "yeast extract")	US-PGPUB; USPAT	AND	ON	2009/03/17 14:03
S109	0	S107 and (milk near10 mix \$3 near10 "yeast extract")	US-PGPUB; USPAT	AND	ON	2009/03/17 14:13
S110	0	"pressed curd" near10 incubat\$3 near10 C near10 ("20" "25" "30" "35" "40" "45")	US-PGPUB; USPAT	AND	ON	2009/03/17 14:15
S111	0	"pressed cheese" near10 incubat\$3 near10 C near10 ("20" "25" "30" "35" "40" "45")	US-PGPUB; USPAT	AND	ON	2009/03/17 14:15
S112	4972	(process or method) with cheese\$1	US-PGPUB; USPAT	AND	ON	2009/03/17 14:16

S113	0	S112 and (cheese near10 incubat\$3 near10 C near10 ("20" "25" "30" "35" "40" "45"))	US-PGPUB; USPAT	AND	ON	2009/03/17 14:18
S114	207	cheese near10 incubat\$3	US-PGPUB; USPAT	AND	ON	2009/03/17 14:18
S115	0	cheese with "live probiotic"	US-PGPUB; USPAT	AND	ON	2009/03/17 14:35
S116	21	cheese with "live bacteria"	US-PGPUB; USPAT	AND	ON	2009/03/17 14:35
S117	1	"4282255".pn.	US-PGPUB; USPAT	AND	ON	2009/03/17 16:22
S118	11	"cheddar cheese".ti.	US-PGPUB; USPAT	AND	ON	2009/03/17 16:24
S119	33	"cheddar cheese".ab.	US-PGPUB; USPAT	AND	ON	2009/03/17 16:29
S120	2	cheese with "lactobacillus gasseri"	EPO; JPO; DERWENT	OR	ON	2009/03/17 16:58
S121	19	cheese and "lactobacillus gasseri"	EPO; JPO; DERWENT	OR	ON	2009/03/17 17:01
S122	37	cheese with "yeast extract"	EPO; JPO; DERWENT	OR	ON	2009/03/17 17:03
S123	1	curd near10 without near10 cool\$3 near10 incubat\$3	EPO; JPO; DERWENT	OR	ON	2009/03/17 17:34
S124	49	curd with incubat\$3	EPO; JPO; DERWENT	OR	ON	2009/03/17 17:35
S125	6	(starter near10 add\$3 near10 "raw milk") and Cheese\$1	US-PGPUB; USPAT	AND	ON	2009/09/30 15:30
S126	2	"helicobacter pylori" with "OLL 2716"	EPO; JPO; DERWENT	AND	ON	2009/09/30 15:38
S127	192	"yeast extract" same cheese	US-PGPUB; USPAT	AND	ON	2010/03/09 19:04
S128	2	S127 and (before near10 curd near10 form\$3)	US-PGPUB; USPAT	AND	ON	2010/03/09 19:05
S129	59	"yeast extract" same cheese	EPO; JPO; DERWENT	AND	ON	2010/03/09 19:16
S130	1	S129 and (before near10 curd near10 form\$3)	EPO; JPO; DERWENT	AND	ON	2010/03/09 19:16
S131	6	S129 and ("yeast extract" near10 add\$3 near10 milk)	EPO; JPO; DERWENT	AND	ON	2010/03/09 19:18
S132	1	"4020185".pn.	US-PGPUB; USPAT	AND	ON	2010/03/09 19:47
S133	337	"yeast extract" same starter	US-PGPUB; USPAT	AND	ON	2010/06/28 16:43

S134	101	S133 and lactobacill\$2	US-PGPUB; USPAT	AND	ON	2010/06/28 16:43
S135	19	S134 and (cheese near10 making)	US-PGPUB; USPAT	AND	ON	2010/06/28 16:44
S136	1	gasseri same "yeast extract" same (longevity or viability or survival)	US-PGPUB; USPAT	AND	ON	2010/06/28 17:17
S137	120	gasseri and "yeast extract" and (longevity or viability or survival)	US-PGPUB; USPAT	AND	ON	2010/06/28 17:18
S138	92	S137 and viability	US-PGPUB; USPAT	AND	ON	2010/06/28 17:19
S139	48	S138 and cheese	US-PGPUB; USPAT	AND	ON	2010/06/28 17:19

### EAST Search History (Interference)

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**12/ 13/ 2010 9:37:00 AM**

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